

Acta Neurochirurgica

Official Organ of the European Association
of Neurosurgical Societies

Volume 111, 1991

ISSN 0001-6268

Chairman
of the Editorial Board
F. Loew, Homburg/Saar

Editorial Board

K. Clark, Dallas
F. Cohadon, Bordeaux
V. V. Dolenc, Ljubljana
M. Fukui, Fukuoka
H. Handa, Kyoto
H.-D. Herrmann, Hamburg
J. T. Hoff, Ann Arbor, Michigan
F. Isamat, Barcelona
H. Kikuchi, Kyoto
A. Konovalov, Moscow
H. Nornes, Oslo
B. Pertuiset, Paris
H.-J. Reulen, München
G. F. Rossi, Roma
M. Sindou, Lyon
K. Sugita, Matsumoto
L. Symon, London
K. Takakura, Tokyo
J. M. Tew, jr., Cincinnati, Ohio
H. Verbiest, Utrecht
R. H. Wilkins, Durham, North Carolina
L. Calliauw, Gent
(Editor for E.A.N.S.-Affairs)

Language editing:
H. H. Gossman, Plymouth

Advisory Board

E.-O. Backlund, Bergen
S. E. Børgesen, Glostrup
M. Brock, Berlin
R. Fahlbusch, Erlangen
S. Ishii, Tokyo
K. Jellinger, Wien
W. Koos, Wien
Chr. B. Ostertag, Freiburg i. Br.
K. Sano, Tokyo
S. G. Zohrabian, Erevan

Ex officio the members of the Administrative Council of the E.A.N.S.:

M. Bock, Berlin, President
E. Pásztor, Budapest, Past-President
L. Calliauw, Gent, Vice President
I. Nyary, Budapest, Vice President
G. F. Rossi, Roma, Vice President
D. Thomas, London, Vice President
M. Vapalahti, Kuopio, Vice President
C. Lapras, Lyon, Secretary
J. L. Antunes, Cascais, Assistant Secretary
R. Braakman, Rotterdam, Treasurer
G. Lanner, Klagenfurt, Assistant Treasurer
J. W. D. Miller, Edinburgh, Assistant Editor
F. Isamat, Barcelona, Historian

Springer-Verlag Wien New York

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions including microform is transferred to the publisher

© 1991 by Springer-Verlag/Wien

L
1
01

I

Author-Index

- Aoki, N., Sakai, T., Oikawa, A., Acute Subdural Haematoma Successfully Treated by Percutaneous Subdural Tapping in an Elderly Patient 132
- Arfors, K.-E., vide Schürer, L. 54
- Arias, A., Millán, I., Vaquero, J., Clinicomorphological Correlation in Syringomyelia: a Statistical Study Assisted by Computer Measurement of Magnetic Resonance Images 33
- Beevers, D. G., vide Tsementzis, S. A. 80
- Bellotti, C., Pappadà, G., Sani, R., Oliveri, G., Stangalino, C., The Transcallosal Approach for Lesions Affecting the Lateral and Third Ventricles 103
- Benoist, Gy., vide Major, O. 40
- Bergenheim, A. T., Hariz, M. I., Laitinen, L. V., Olivecrona, M., Rabow, L., Relation Between Sensory Disturbance and Outcome After Retrogasserian Glycerol Rhizotomy 114
- Botana, C., vide Fandiño, J. 135
- Braakman, R., Fontijne, W. P. J., Zeegers, R., Steenbeek, J. R., Tanghe, H. L. J., Neurological Deficit in Injuries of the Thoracic and Lumbar Spine. A Consecutive Series of 70 Patients 11
- Caner, H., Peker, S., Özcan, O. E., Effects of Hydrocephalus on the Sympathetic Nerves of Cerebral Arteries, Investigated with WGA-HRP Anterograde Tracing in the Rat 143
- Cerejo, A., vide Vaz, R. 128
- Chiappini, F., vide Meglio, M. 43
- Cioni, B., vide Meglio, M. 43
- Coraddu, M., Nurchi, G. C., Floris, F., Meleddu, V., Surgical Treatment of Extradural Spinal Cord Compression due to Metastatic Tumours 18
- Cruz, C., vide Vaz, R. 128
- Czirják, S., vide Major, O. 40
- Dauch, W. A., Prediction of Secondary Deterioration in Comatose Neurosurgical Patients by Serial Recording of Multimodality Evoked Potentials 84
- de Vries, J., Gilsbach, J., Seeger, W., Technical Improvements in the Lateral Suboccipital Approach for Neurovascular Decompression of the Trigeminal and Facial Nerves 64
- Duarte, F., vide Vaz, R. 128
- Dunsker, St., vide El-Kalliny, M. 22
- El-Kalliny, M., Tew, J. M., Jr., van Loveren, H., Dunsker, St., Surgical Approaches to Thoracic Disc Herniations 22
- Ernestus, R.-I., Wilcke, O., Schröder, R., Supratentorial Ependymomas in Childhood: Clinicopathological Findings and Prognosis 96
- Fandiño, C., vide Fandiño, J. 135
- Fandiño, J., Botana, C., Fandiño, C., Rodríguez, D., Gomez-Bueno, J., Clinical and Radiographic Response of Fourth Ventricle Cysticercosis to Praziquantel Therapy 135
- Fiskeci, C., vide Kulali, A. 108
- Floris, F., vide Coraddu, M. 18
- Fontijne, W. P. J., vide Braakman, R. 11
- Gerdin, B., vide Schürer, L. 54
- Gibo, H., vide Okudera, H. 61
- Gill, J. S., vide Tsementzis, S. A. 80
- Gilsbach, J., vide de Vries, J. 64
- Gomez-Bueno, J., vide Fandiño, J. 135
- Grøgaard, B., vide Schürer, L. 54
- Hariz, M. I., vide Bergenheim, A. T. 114
- Hitchcock, E. R., vide Tsementzis, S. A. 80
- Horváth, M., vide Major, O. 40
- İlçayto, R., vide Kulali, A. 108
- Jørgensen, B. Ch., vide Schmidt, J. F. 138
- Kempinski, O., vide Schürer, L. 54
- Kennet, R. P., vide Tsementzis, S. A. 80
- Kobayashi, S., vide Okudera, H. 61
- Krauss, J. K., vide Wakhloo, A. K. 119
- Kulali, A., İlçayto, R., Fiskeci, C., Cystic Meningiomas 108
- Kyoshima, K., vide Okudera, H. 61
- Laitinen, L. V., vide Bergenheim, A. T. 114
- Lang, J. Jr., Samii, A., Retrosigmoidal Approach to the Posterior Cranial Fossa. An Anatomical Study 147
- Loveren, H. van, vide El-Kalliny, M. 22
- Mahapatra, A. K., vide Sood, S. 92
- Major, O., Sipsos, L., Czirják, S., Benoist, Gy., Horváth, M., Pásztor, E., Spontaneous Spinal Epidural Haematomas 40
- Massaro, F., vide Pagni, C. A. 1
- Meglio, M., Cioni, B., Visocchi, M., Nobili, F., Rodriguez, G., Rosadini, G., Chiappini, F., Sandric, S., Spinal Cord Stimulation and Cerebral Haemodynamics 43
- Meleddu, V., vide Coraddu, M. 18
- Millán, I., vide Arias, A. 33
- Nobili, F., vide Meglio, M. 43
- Nurchi, G. C., vide Coraddu, M. 18
- Oikawa, A., vide Aoki, N. 132
- Okudera, H., Kobayashi, S., Kyoshima, K., Gibo, H., Takemae, T., Sugita, K., Development of the Operating Computerized Tomographic Scanner System for Neurosurgery 61
- Olivecrona, M., vide Bergenheim, A. T. 114
- Oliveira, J., vide Vaz, R. 128
- Oliveri, G., vide Bellotti, C. 103
- Olsen, K. S., vide Schmidt, J. F., 138
- Özcan, O. E., vide Caner, H. 143
- Pagni, C. A., Massaro, F., Concomitant Cranio-cerebral and Vertebral-medullary Injuries. Analysis of 121 Cases 1
- Pappadà, G., vide Bellotti, C. 103
- Pásztor, E., vide Major, O. 40
- Paulson, O. B., vide Schmidt, J. F. 49
- Paulson, O. B., vide Schmidt, J. F. 138
- Peker, S., vide Caner, H. 143
- Rabow, L., vide Bergenheim, A. T. 114
- Rodriguez, D., vide Fandiño, J. 135
- Rodriguez, G., vide Meglio, M. 43
- Rosadini, G., vide Meglio, M. 43
- Sakai, T., vide Aoki, N. 132
- Samii, A., vide Lang, J., Jr. 147
- Sandric, S., vide Meglio, M. 43
- Sani, R., vide Bellotti, C. 103
- Schmidt, J. F., Waldemar, G., Paulson, O. B., The Acute Effect of Nimodipine on Cerebral Blood Flow, its CO₂ Reactivity, and Cerebral Oxygen Metabolism in Human Volunteers 49
- Olsen, K. S., Waldemar, G., Jørgensen, B. Ch., Paulson, O. B., Effect of Ketanserin on Cerebral Blood Flow Autoregulation in Healthy Volunteers 138
- Schröder, R., vide Ernestus, R.-I. 96
- Schumacher, M., vide Wakhloo, A. K. 119
- Schürer, L., Grøgaard, B., Gerdin, B., Kempinski, O., Arfors, K.-E., Leucocyte Depletion Does not Affect Post-Ischaemic Nerve Cell Damage in the Rat
- Seeger, W., vide de Vries, J. 64
- Sipsos, L., vide Major, O. 40
- Sood, S., Mahapatra, A. K., Effect of CSF Shunt on Brainstem Auditory Evoked Potential in Hydrocephalus Secondary to Brain Tumour 92
- Stangalino, C., vide Bellotti, C. 103
- Steenbeek, J. R., vide Braakman, R. 11
- Steiger, H.-J., Outcome of Acute Supratentorial Cerebral Infarction in Patients Under 60 73
- Sugita, K., vide Okudera, H. 61
- Tanghe, H. L. J., vide Braakman, R. 11
- Takemae, T., vide Okudera, H. 61
- Tew, J. M., Jr., vide El-Kalliny, M. 22
- Tsementzis, S. A., Kennet, R. P., Hitchcock, E. R., Gill, J. S., Beevers, D. G., Seasonal Variation of Cerebrovascular Diseases 80
- Van Velthoven, V., vide Wakhloo, A. K. 119
- Vaquero, J., vide Arias, A. 33
- Vaz, R., Duarte, F., Oliveira, J., Cerejo, A., Cruz, C., Traumatic Interhemispheric Subdural Haematomas 128
- Visocchi, M., vide Meglio, M. 43
- Waldemar, G., vide Schmidt, J. F. 49
- vide Schmidt, J. F. 138
- Wakhloo, A. K., van Velthoven, V., Schumacher, M., Krauss, J. K., Evaluation of MR Imaging, Digital Subtraction Cisternography, and CT Cisternography in Diagnosing CSF Fistula 119
- Wilcke, O., vide Ernestus, R.-I. 96
- Zeegers, R., vide Braakman, R. 11

Index of Keywords

- Acute subdural haematoma 132
 Arterial blood pressure 138
 Associated brain and spinal cord injury 1
 Arterial blood pressure 49
 Autoregulation 138

BAEP 92
 Brain tumour 92
 Burrholes 147

 Calcium antagonist 49
 Carbon dioxide reactivity 49
 CBF 43
 Cerebral arteries 143
 Cerebral blood flow 49, 138
 Cerebral contusion 132
 Cerebral infarction 73
 Cerebral metabolic rate of oxygen 49
 Cerebrovascular disease 80
 Chiari malformation 33
 Childhood tumour 96
 Clinical imaging 61
 Computed tomography 73, 128
 Computerized tomography 61, 108
 Corpus callosum 103
 Craniotomy 132
 CSF fistula 119
 CT cisternography 119
 Cysticercosis 135
 Cystic meningioma 108

 Differential diagnosis 108
 Digital subtraction cisternography 119
 Disconnection syndrome 103

 Ependymoma 96
 Evoked potentials 84
 Extradural tumours 18

 Fourth ventricle 135

 Glycerol 114
 Grading system 73

 Head injury 128
 Head trauma 1
 Hemifacial spasm 64
 Hemispheric tumour 96
 Hydrocephalus 92, 143

 133-Xe inhalation method 43
 Interhemispheric 128
 Intracranial lesions 84
 Intraventricular tumours 103
 Ischaemia 54
 Ischaemic stroke 73

Ketanserin 138

 Leucocytes 54

 Magnetic resonance imaging 22
 Mastoid emissary 147

 Metastatic vertebral tumours 18
 Meteorological variables 80
 Monitoring 84
 MR cisternography 119
 MR imaging 33

 Neckmuscle-insertions 147
 Neurological recovery 11
 Neurosurgery 61
 Neurosurgical intensive care 84
 Nimodipine 49

 Operating room 61
 Operative technique 64

 Posterolateral-extrapleural approach 22
 Praziquantel 135
 Prognostic scale 73

 Quantitative histology 54

 Radiation therapy 96
 Radiotherapy 18
 Rat 54
 Retrosigmoidal approach 147
 Rhizolysis 114

 SCS 43
 Seasonal fluctuation 80
 Selective vulnerability 54
 Sensory thresholds 114

 Shunt 92
 Sigmoid sinus 147
 Skull-thickness 147
 Spinal cord compression 18
 Spinal cord injury 11
 Spinal epidural haematoma 40
 Spontaneous 40
 Subdural fluid collection 132
 Subdural haematoma 128
 Subdural tapping 132
 Surgical treatment 108
 Sympathetic nerve 143
 Syringomyelia 33

 Thoracic disc herniation 22
 Thoraco lumbar spine injury 11
 Transcranial Doppler 43
 Transcutaneous electrical stimulation 114
 Transpedicular-transfacetal approach 22
 Transthoracic-transpleural approach 22
 Transverse sinus 147
 Trigeminal neuralgia 64, 114

 Vascular decompression 64
 Ventricular tumour 96
 Vertebral trauma 1

 Wheat germ agglutinin-horseradish peroxidase (WGA-HRP) 143

